

Title (en)  
Concrete mixture with increased fire resistance

Title (de)  
Betonmischung mit erhohter Brandresistenz

Title (fr)  
Mélange de béton à résistance au feu accrue

Publication  
**EP 1156022 B1 20031210 (DE)**

Application  
**EP 00810905 A 20001003**

Priority  
CH 9852000 A 20000517

Abstract (en)  
[origin: EP1156022A1] The burning resistance of concrete containing sintered and solidified coal light ash is improved by addition of synthetic fibers.

IPC 1-7  
**C04B 28/02**

IPC 8 full level  
**C04B 16/06** (2006.01); **C04B 18/08** (2006.01); **C04B 28/02** (2006.01); **E04B 1/94** (2006.01); **E21D 11/10** (2006.01); **C04B 111/28** (2006.01)

CPC (source: EP)  
**C04B 16/0633** (2013.01); **C04B 18/085** (2013.01); **C04B 28/02** (2013.01); **C04B 2111/00724** (2013.01); **C04B 2111/28** (2013.01);  
**Y02W 30/91** (2015.05)

C-Set (source: EP)  
1. **C04B 28/02 + C04B 16/0633 + C04B 18/085**  
2. **C04B 16/0633 + C04B 16/0608 + C04B 18/02**  
3. **C04B 18/085 + C04B 20/0076**

Cited by  
EP1288176A1; EP2223902A3; RU2660154C1; RU2671010C2; EP3511306A1; CN115680715A; WO03020659A1; WO2014094183A1;  
US9353006B2; EP2935145B1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**EP 1156022 A1 20011121; EP 1156022 B1 20031210**; AT E256089 T1 20031215; CH 693484 A5 20030829; DE 50004722 D1 20040122;  
HU 0102003 D0 20010730; HU P0102003 A2 20020128; HU P0102003 A3 20030228; JP 2001328855 A 20011127; PL 347539 A1 20011119

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